JDW 1011-64537-01 01/24/07
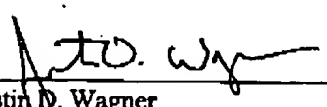
# KLARQUIST SPARKMAN, LLP
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**To: EXAMINER THOMAS H. STEVENS**

**Fax No.:** (571) 273-3715

**Total No. Pages:** 5 including this cover sheet

**Message:** Transmitted herewith is an Applicant Initiated Interview Request Form for the below-identified application. If you do not receive all pages or if you have problems receiving transmittal, please call Justin D. Wagner at (503) 595-5300.

**In re application of:** Bailey et al.

**Application No.** 09/883,836

**Filed:** June 17, 2001

**Confirmation No.** 9966

**Examiner:** Thomas H. Stevens

**Art Unit:** 2123

**Attorney Reference No.** 1011-64537-01

**For:** COHERENT STATE AMONG MULTIPLE SIMULATION MODELS IN AN EDA SIMULATION ENVIRONMENT

☒ Applicant Initiated Interview Request Form (PTOL-413A) with a Continuation Sheet.

_____
Justin D. Wagner
Registration No. 54,519

_January 24, 2007_
Date

JAN 2 PTOL-413A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## Applicant Initiated Interview Request Form

Application No.: 09/883,836 First Named Applicant: _Bailey_

Examiner: _Thomas H. Stevens_ Art Unit: _2123_ Status of Application: _Pending_

Tentative Participants:

(1) _Ex. Stevens_ (2) _Justin Wagner_

(3) _____ (4) _____

Proposed Date of Interview: _1/25/07_ Proposed Time: _3:00 Eastern_ (AM/**PM**)

Type of Interview Requested:

(1) [X] Telephonic   (2) [ ] Personal   (3) [ ] Video Conference

Exhibit To Be Shown or Demonstrated: [ ] YES   [X] NO

If yes, provide brief description: _____

## Issues To Be Discussed

| Issues (Rej., Obj., etc) | Claims/ Fig. #s | Prior Art | Discussed | Agreed | Not Agreed |
|---|---|---|---|---|---|
| (1) _Rej._ | _cls 1-36_ | _Madden, Paterson, Ravichandran, Bailey_ | [ ] | [ ] | [ ] |
| (2) _____ | _____ | _____ | [ ] | [ ] | [ ] |
| (3) _____ | _____ | _____ | [ ] | [ ] | [ ] |
| (4) _____ | _____ | _____ | [ ] | [ ] | [ ] |

[X] Continuation Sheet Attached

Brief Description of Arguments to be Presented:

_Please see continuation sheet_

An interview was conducted on the above-identified application on _____.

NOTE:

This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

_____     _____

(Applicant/Applicant's Representative Signature)     (Examiner/SPE Signature)

JDW
PATENT

**In re application of:** Bailey et al.

**Application No.** 09/883,836

**Filed:** June 17, 2001

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**For:** COHERENT STATE AMONG MULTIPLE
SIMULATION MODELS IN AN EDA ·
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**Examiner:** Thomas H. Stevens

**Art Unit:** 2123

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## APPLICANT INITIATED INTERVIEW REQUEST FORM CONTINUATION SHEET

### Claims 1-5 and 7

Applicant respectfully submits that claims 1-5 and 7 are patentable over U.S. Patent No. 5,119,483 to Madden et al. ("Madden"), U.S. Patent No. 6,983,237 to Paterson et al. ("Paterson"), and U.S. Patent No. 5,966,537 to Ravichandran ("Ravichandran") because, for example, the references do not teach or suggest all the claim limitations of independent claim 1. For example, none of the references, individually or in combination, teaches or suggests identifying state information comprising a transfer from a first simulation model in a simulation environment, said transfer being directed to a second simulation model in a circuit design being simulated in the simulation environment, as recited in independent claim 1.

Applicant respectfully submits that dependent claims 2-5 and 7 depend directly or indirectly from independent claim 1 and are allowable over Madden, Paterson, and Ravichandran for at least the reasons recited above in support of their parent claim 1. They are also independently patentable.

### Claims 6, 8-22, 24-31

Applicant respectfully submits that dependent claims 6, 8-22, 24-31 are patentable over Madden, Paterson, Ravichandran, and Bailey et al., "Hardware/Software Co-Simulation Strategies for the Future" ("Bailey"). These dependent claims depend directly or indirectly from independent claim 1 and are allowable for at least the reasons recited above with respect to their parent claim 1. Moreover, claims 6, 8-22, and 24-31 recite combinations of features that are independently patentable.

## Claims 32-34

Applicant respectfully submits that claims 32-34 are patentable over Madden, Paterson, and Bailey because, for example, the references do not teach or suggest all the claim limitations of independent claim 32. For example, none of the references, individually or in combination, teaches or suggests reading state information from a first simulation model in a simulation environment when a simulation domain of the first simulation model is deactivated or writing the state information to a second simulation model in the simulation environment prior to activation of a simulation domain of the second simulation model, said first simulation model and said second simulation model representing different versions of a same functionality in a circuit design being simulated, as recited in independent claim 32.

Applicant respectfully submits that dependent claims 33 and 34 depend directly or indirectly from independent claim 32 and are allowable over Madden, Paterson, and Bailey for at least the reasons recited above in support of their parent claim 32. They are also independently patentable.


## Claim 35

Applicant respectfully submits that claim 35 is patentable over Madden, Paterson, and Bailey because, for example, the references do not teach or suggest all the claim limitations of independent claim 35. For example, none of the references, individually or in combination, teaches or suggests identifying state information comprising a transfer from a first simulation model in a simulation environment, said transfer being directed to a second simulation model in a circuit design being simulated in the simulation environment, as recited in independent claim 35.


## Claim 36

Applicant respectfully submits that claim 36 is patentable over Madden, Paterson, and Bailey because, for example, the references do not teach or suggest all the claim limitations of independent claim 36. For example, none of the references, individually or in combination, teaches or suggests reading state information from a first simulation model in a simulation environment when a simulation domain of the first simulation model is deactivated or writing the state information to a second simulation model in the simulation environment prior to activation

of a simulation domain of the second simulation model, said first simulation model and said second simulation model representing different versions of a same functionality in a circuit design being simulated, as recited in independent claim 36.